

WinTosh

Toshiba T2000SX Windows Control Panel

Version 0.5, 12/6/91

SHAREWARE Licensing in effect!

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SHAREWARE:

This program is shareware and is not in the public domain. There are distribution requirements, and licensing rules. This program required a substantial amount of my time to write since Toshiba says that the coding of the CMOS setup registers and the special machine registers is proprietary information. The T2000SX Technical Reference Manual goes out of its way to exclude this information. The Toshiba Technical support people say that this information is available only in Japan. You may use this program on a trial basis for a period of three months, but if you find it useful please send \$15 to me at the following address:

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Providence, RI 02912

Also please read the licensing and distribution information at the end of this file.

INTRODUCTION:

The goal of this utility is to allow access to the T2000SX's internal controls from a convenient Windows 3.0 dialog box. I found this program necessary because the PopUp window will not work while running Windows in 386 Enhanced mode or while running QEMM386, while WinTosh is perfectly compatible with both. Also WinTosh is more convenient since you can leave it on the screen or iconified full time and make changes with a minimum of effort. Most of the controls found in the PopUp window have been reproduced. This program represents a very long development and debugging effort since Toshiba will say almost nothing about what is contained in the CMOS Ram and the Special registers for their computers. Well I spent many hours testing, poking, and proding at the registers, and this program is the result.

FEATURES:

Thus far I have implemented the following controls:

- Internal modem On/Off
- Speaker On/Off
- Battery Alarm On/Off
- Resume/Boot mode
- Popup window enable/disable
- Processor sleep mode enable/disable

The changes are made immediately after clicking on the radio buttons so

that you can leave the window up or iconified and change the system parameters on the fly. I have included it in my "load =" line in Win.ini so that I always have it available. Also the program updates itself once a second from the CMOS ram so that if some other program (or the popup window) modifies the system parameters the changes will

be reflected in the WinTosh window.

In the future (hopefully soon) I will implement the following additions:

- Battery watch system identical to that in the popup window but you can leave it going all the time.
- Screen blanker that knows about mouse inputs to replace the automatic blanker built into the machine. This will turn off the backlighting to conserve power.
- Blank screen NOW button and power down hard drive NOW button.
- Set the Hard drive time out and screen blank timeout features.
- auto sensing of internal modem installation.
- setup of screen modes (reverse-16, normal-16, etc ...).
- vchad like screen interface for remapping the colors with installable color files.

These features require a great great deal of work since I have to figure out how they are done from scratch so I can duplicate them. Thanks for your help Toshiba (dripping sarcasm here)!

WARNING:

This software uses many undocumented features of your Toshiba T2000SX computer and carries with it some risk. I use it continuously on my

system with no problems, however I accept no responsibility for performance problems on your machine. This software has been extensively tested and debugged on a Toshiba T2000SX/40, and I have no idea what if anything it will do on a T2000SXe, T2200SX, or any other computer system. If someone is willing to loan me a machine I will consider adapting this utility to that computer.

DISTRIBUTION:

You may receive updated versions of this software from any of the following locations:

- 1) The Toshiba America Computer Systems Division bulletin board at 1-714-837-4408
- 2) By mail to registered owners: \$5 for updates (US addresses), or \$15 for new owners (includes license).
- 3) By Email free to registered owners who have access to the internet.
- 4) By anonymous FTP from cica.cica.indiana.edu in the pub/pc/win3/utils directory (or possibly in the pub/pc/win3/misc directory).

LICENSING:

You are authorized to use this software on a trial basis for a period of three months from the date that it is installed on your computer. After that period you must purchase a valid licensed version from me (F. Scott

Porter) or you must remove ToshWin from your system. You are free to distribute this program in its original zipped form with all of its files intact (WinTosh.Txt, WinTosh.Wri, WinTosh.exe, Readme.txt) as long as you charge no more than a reasonable copying fee.

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Addresses:

You may contact me by Email at ST402248@Brownvm.brown.edu or by mail at:

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